

Title (en)
HELMET AND VISOR MECHANISM THEREFOR

Publication
EP 0270368 B1 19910320 (EN)

Application
EP 87310652 A 19871203

Priority
GB 8628864 A 19861203

Abstract (en)
[origin: EP0270368A1] A helmet with twin visors (12, 14; 112, 114) movable between raised and lowered positions has a locking mechanism for each visor which automatically locks the visor in the raised or lowered position. An operating lever (24, 26; 126, 226) for each visor can be operated with one hand by the wearer, a single movement of the lever first releasing the locking mechanism and then moving the visor from one to the other of its raised and lowered positions. Each locking mechanism may comprise a cam plate (28; 128, 228) fixed to the helmet shell and two pawls (40, 42; 140, 142, 240, 242) carried by the visor arm (18, 118, 216) and spring-biased to engage the cam to lock the visor in the raised or lowered position respectively. The operating lever engages the appropriate pawl to disengage it from the cam plate and rotate the visor arm, on movement of the lever in the appropriate direction. The lower position of each visor may be adjustable, for example to accommodate an oxygen mask fitted to the helmet. The mechanism may also be used on a helmet fitted with a single visor.

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A42B 3/00

IPC 8 full level
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CPC (source: EP US)
A42B 3/228 (2013.01 - EP US)

Cited by
GB2244908A; GB2244908B; EP0477608A1; ES2713100A1; FR2700747A1; EP0481860A1; FR2667765A1; EP0628261A1; FR2705871A1; EP0534748A1; EP1935267A1; GB2284343A; FR2713050A1; GB2284343B; WO2019092297A1; WO03075694A1; US11089831B1; US6795978B2; US6928662B2; US7120940B2

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